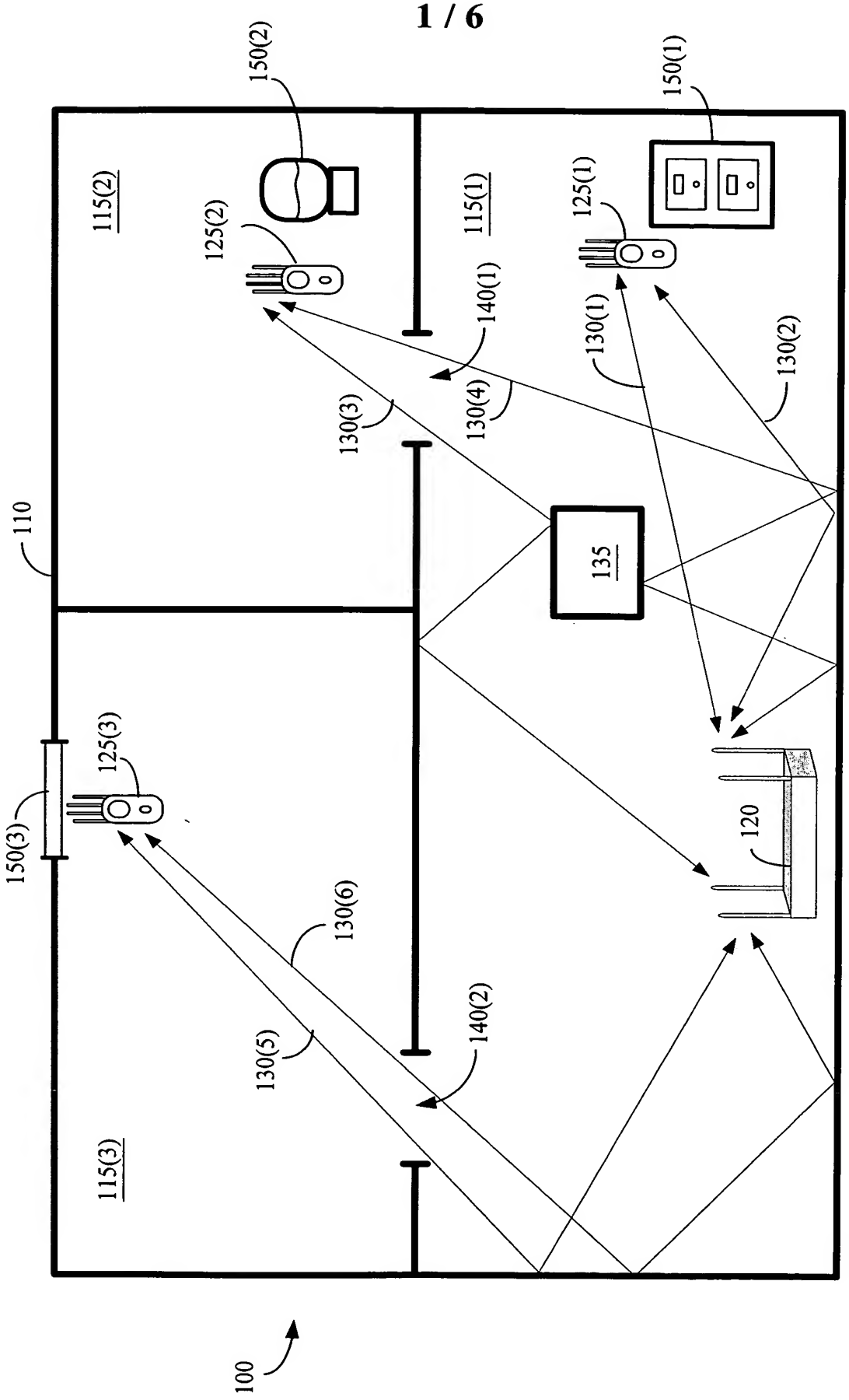
100
110
115(1)
115(2)
115(3)
120
125(1)
125(2)
125(3)
130(1)
130(2)
130(3)
130(4)
130(5)
130(6)
135
140(1)
140(2)
150(1)
150(2)
150(3)

Figure 1

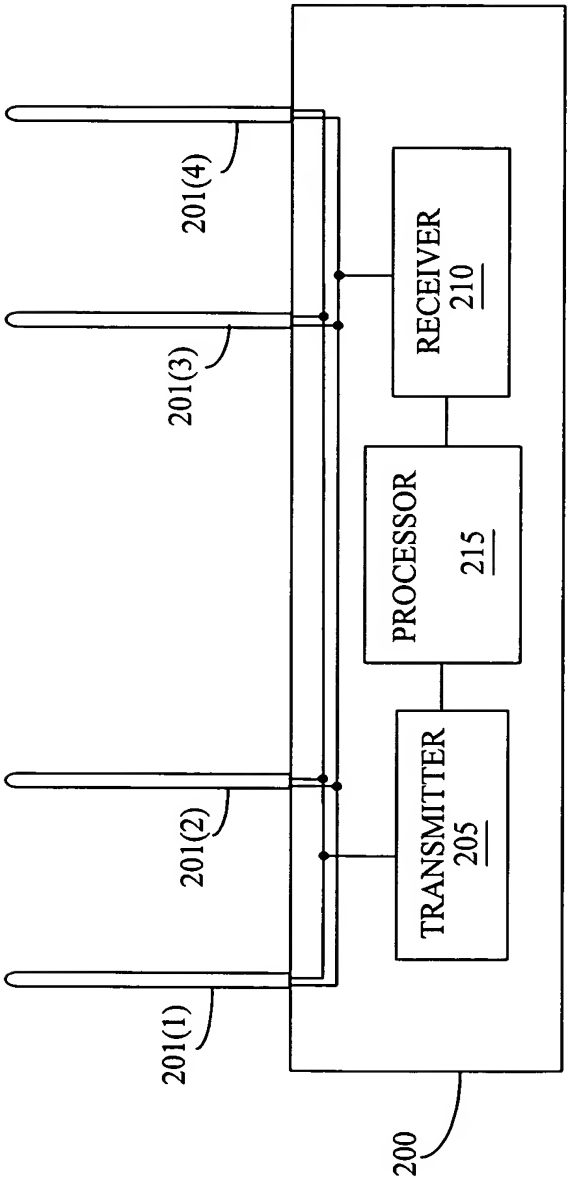

Figure 2A

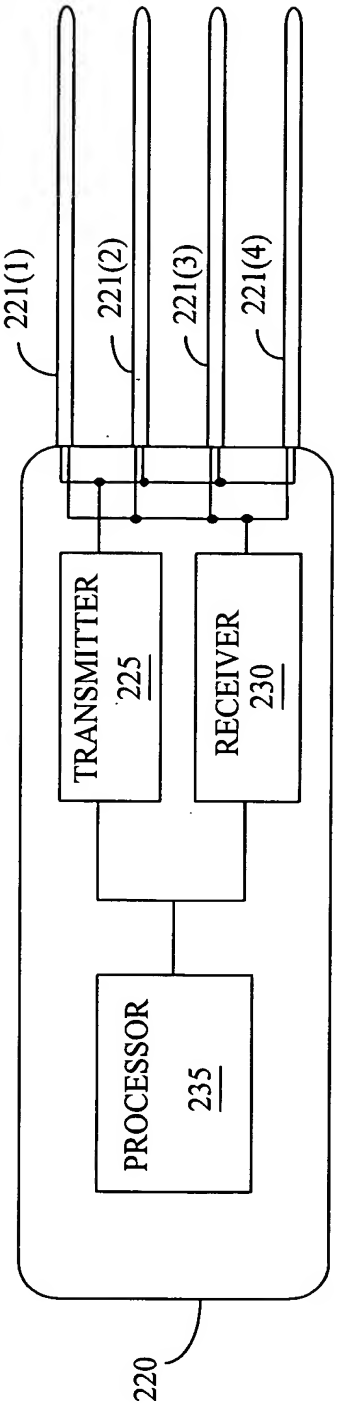

Figure 2B

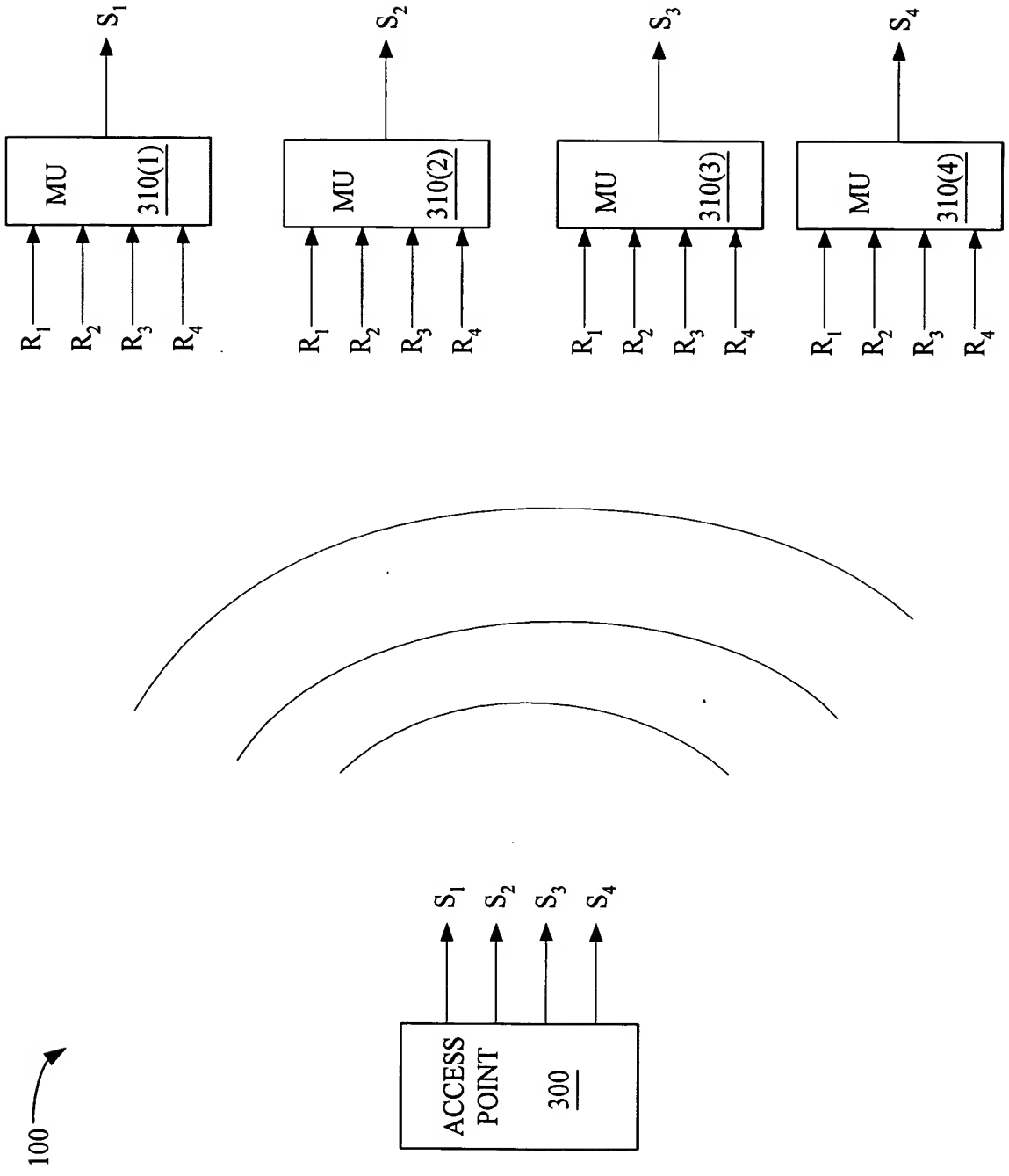
100
ACCESS POINT
300
S1
S2
S3
S4
MU
310(1)
310(2)
310(3)
310(4)
R1
R2
R3
R4

Figure 3A

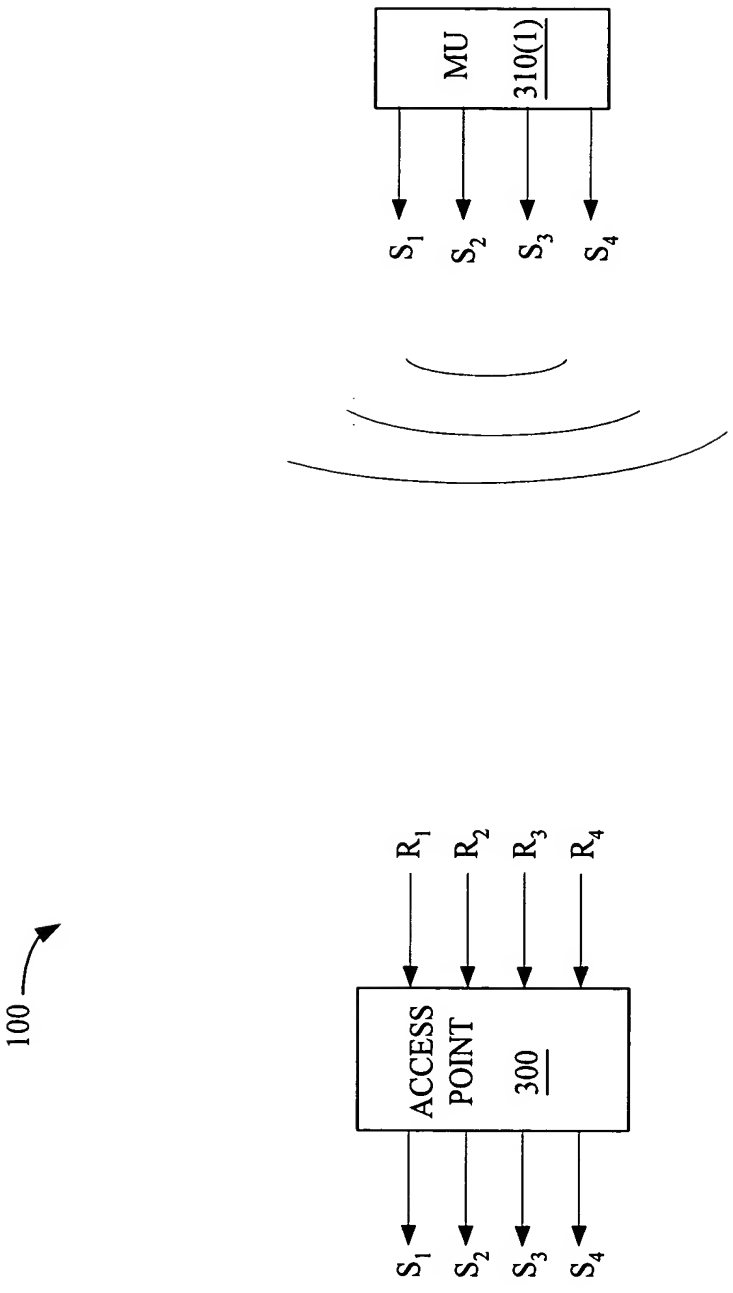

Figure 3B

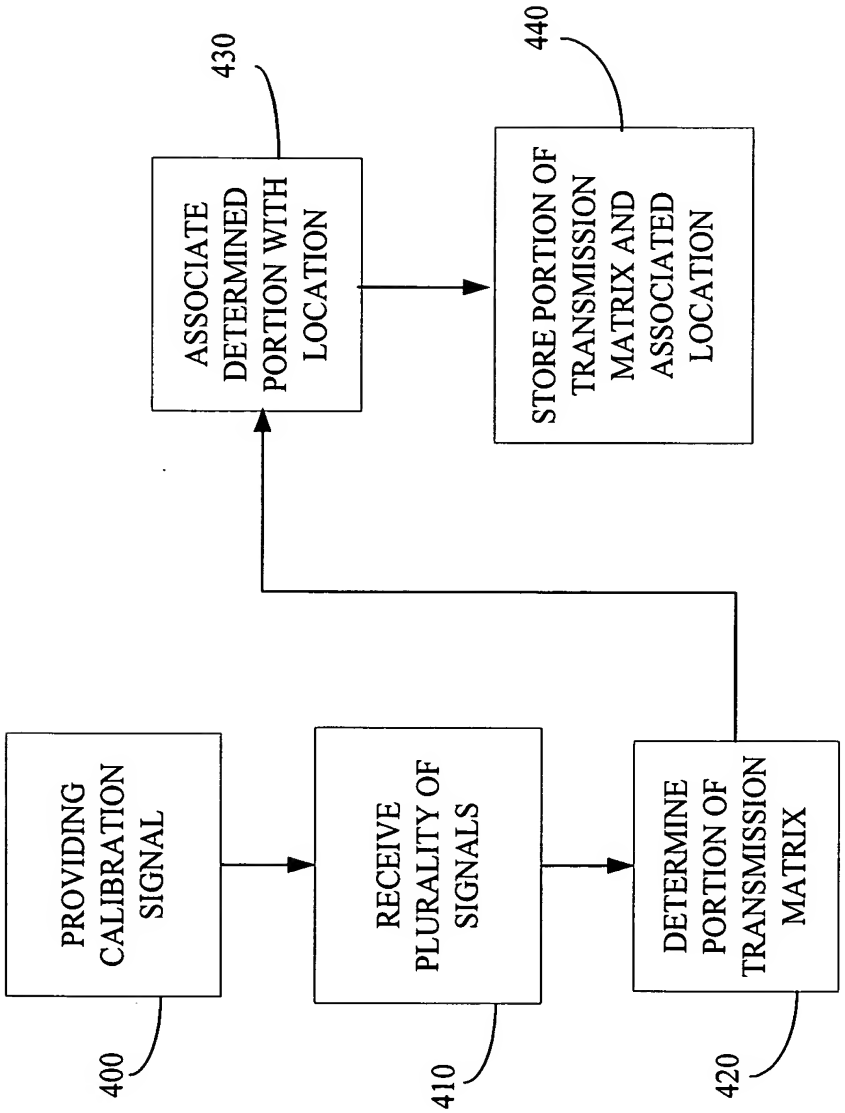
PROVIDING CALIBRATION SIGNAL
400
RECEIVE PLURALITY OF SIGNALS
410
DETERMINE PORTION OF TRANSMISSION MATRIX
420
ASSOCIATE DETERMINED PORTION WITH LOCATION
430
STORE PORTION OF TRANSMISSION MATRIX AND ASSOCIATED LOCATION
440

Figure 4

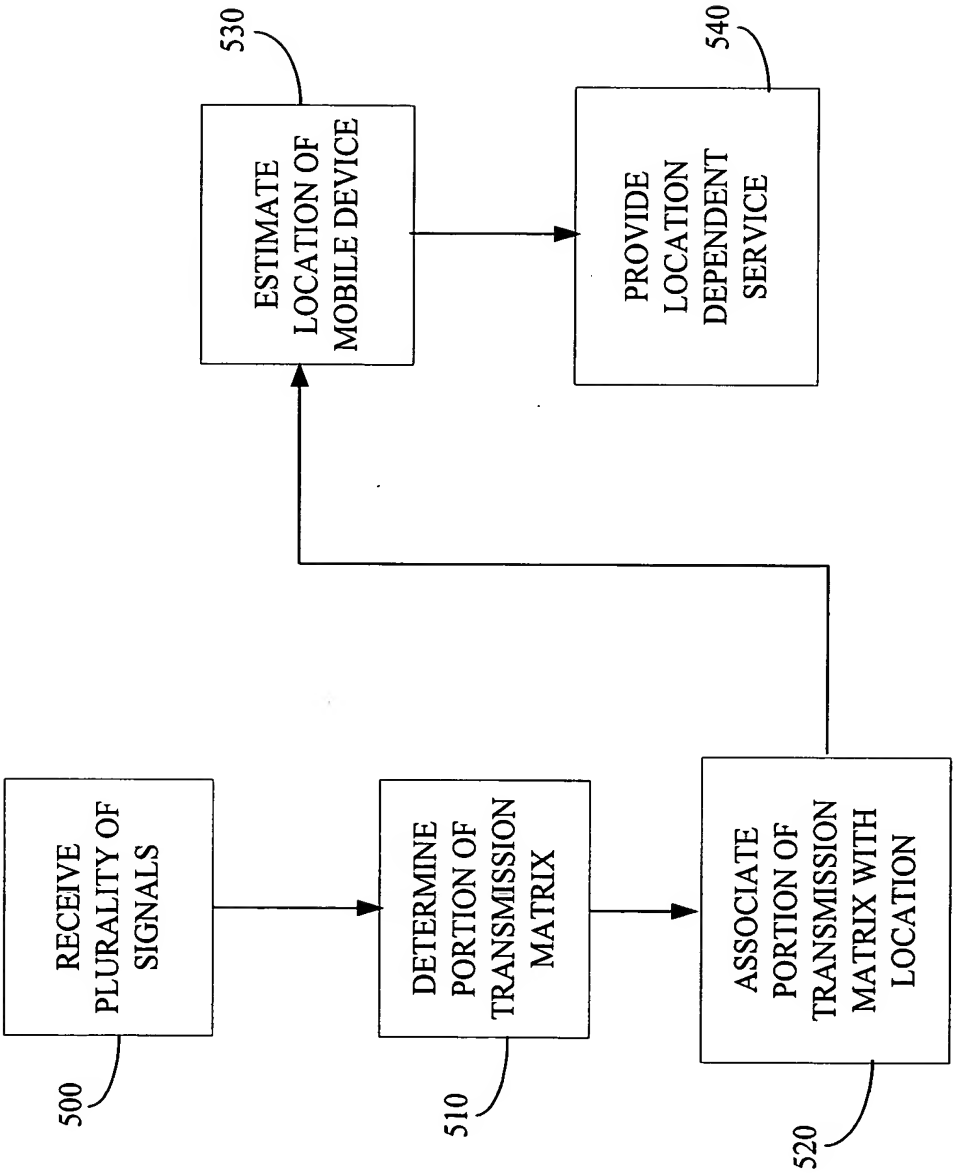
RECEIVE PLURALITY OF SIGNALS
500
DETERMINE PORTION OF TRANSMISSION MATRIX
510
ASSOCIATE PORTION OF TRANSMISSION MATRIX WITH LOCATION
520
ESTIMATE LOCATION OF MOBILE DEVICE
530
PROVIDE LOCATION DEPENDENT SERVICE
540

Figure 5